

INTRODUCTION OF PETROCHEMICAL PRODUCTS

POLYPROPYLENE - COPOLYMER (P.P)

ZH 550J

PP HOMOPOLYMER / NAVID ZAR SHIMI Pet.Co.

DATASHEET	VALUE	UNIT	TEST CONDITIONS	TEST METHOD
Density	0.9	g/cm ³	-----	ASTM D1505
MFI	2.9 – 3.5	g/10 min	At 2.16Kg, 230°C	ASTM D1238
Flexural Modulus	1400 - 1700	MPa	-----	ASTM D790
Hardness, Rockwell R	102 - 117	-----	-----	ASTM D785
Izod Impact Strength, Notched	54.95 – 55.05	J/m	at 23°C,	ASTM D256
Tensile Elongation at Yield	8 - 12	%	-----	ASTM D638
Tensile Strength at Yield	31 - 39	MPa	-----	ASTM D638
Heat Deflection Temperature	86 - 102	°C	At 0.46 MPa	ASTM D648
Vicat Softening Point	148 - 156	°C	9.8 N	ASTM D1525

- Manufacturer: Navid zar shimi Pet.co.
- Application: Bulk bags, sheets, fibers, thermoforming sheets, tape yarn, monofilament fibers.
- Process: Textile, Extrusion.
- Features: Good processability, food contact grade.

PETRO BAMDAD AZARAN
ENGINEERING & TRADING CO

Add: No.148, Motahari St., Tehran, Iran -- Tel: +98 21 87700799 -- Email/Web:
info@petrobam.com/www.petrobam.com